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06/12/2008

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:31:20 ON 13 JUN 2008

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

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0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:31:37 ON 13 JUN 2008

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STRUCTURE FILE UPDATES: 12 JUN 2008 HIGHEST RN 1027805-40-8

DICTIONARY FILE UPDATES: 12 JUN 2008 HIGHEST RN 1027805-40-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

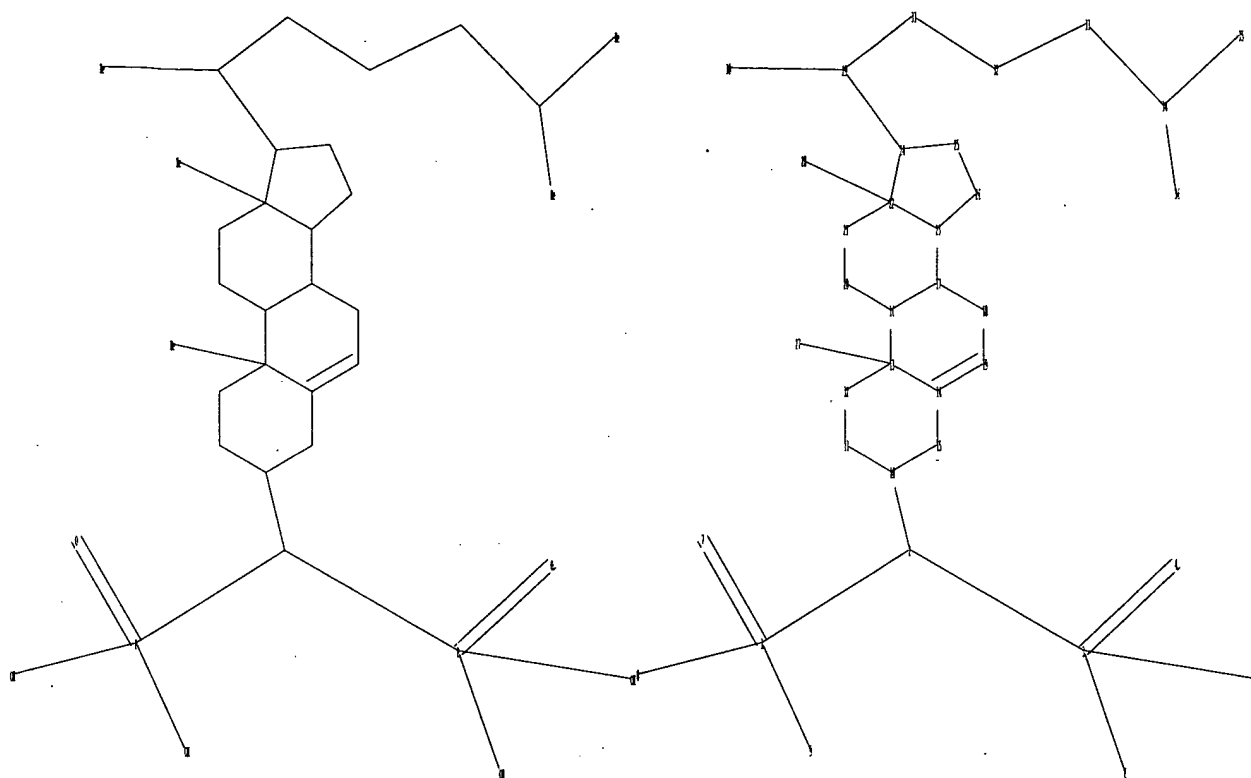
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\FL3.str



chain nodes :

1 2 3 4 5 6 7 8 9 27 28 29 30 31 32 33 34 35 36

ring nodes :

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

chain bonds :

1-2 1-7 1-8 1-9 2-3 2-10 3-4 3-5 3-6 13-27 22-28 24-29 29-30 29-31  
31-32 32-33 33-34 34-35 34-36

ring bonds :

10-11 10-15 11-12 12-13 13-14 13-16 14-15 14-19 16-17 16-20 17-18 17-23  
18-19 20-21 21-22 22-23 22-24 23-26 24-25 25-26

exact/norm bonds :

10-11 10-15 11-12 12-13 13-14 13-16 14-15 14-19 16-17 16-20 17-18 17-23  
18-19 20-21 21-22 22-23 22-24 23-26 24-25 25-26

exact bonds :

1-2 2-3 2-10 13-27 22-28 24-29 29-30 29-31 31-32 32-33 33-34 34-35  
34-36

normalized bonds :

1-7 1-8 1-9 3-4 3-5 3-6

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom  
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS  
28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS  
36:CLASS

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L1 STRUCTURE UPLOADED

=> S L1 FULL

FULL SEARCH INITIATED 10:32:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 219 TO ITERATE

100.0% PROCESSED 219 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

178.57

FILE 'CAPLUS' ENTERED AT 10:32:17 ON 13 JUN 2008

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FILE COVERS 1907 - 13 Jun 2008 VOL 148 ISS 25

FILE LAST UPDATED: 12 Jun 2008 (20080612/ED)

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=> S L2

L3 1 L2

=> D L3 IBIB ABS HITSTR 1

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:696929 CAPLUS

DOCUMENT NUMBER: 143:194146

TITLE: Preparation of bisphosphonic acid lipid derivatives

INVENTOR(S): Greb, Wolfgang; Shyhskov, Oleg; Roesenthaler, Gerd-Volker; Hengst, Verena

PATENT ASSIGNEE(S): MCS Micro Carrier Systems G.m.b.H., Germany

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

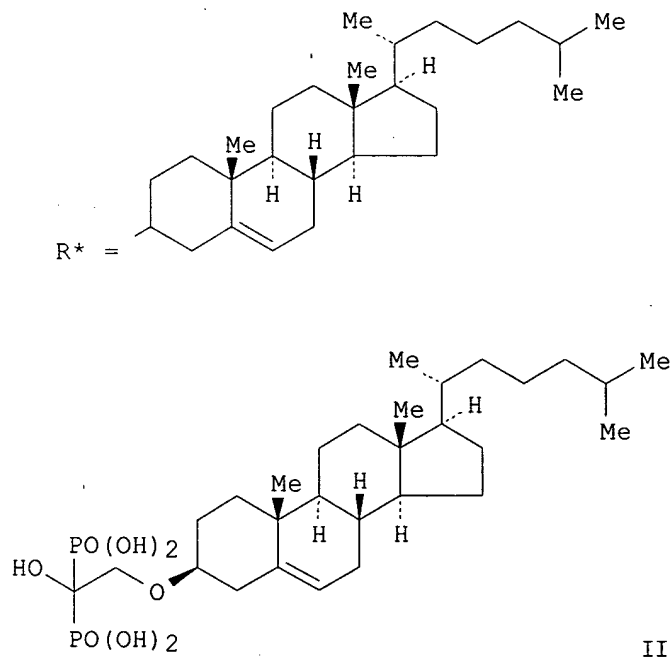
KIND

DATE

APPLICATION NO.

DATE

WO 2005070952	A1	20050804	WO 2005-DE95	20050124
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 102004032781	A1	20050811	DE 2004-102004032781	20040706
EP 1706415	A1	20061004	EP 2005-714898	20050124
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
JP 2007518746	T	20070712	JP 2006-549859	20050124
US 20070154537	A1	20070705	US 2006-597059	20060710
PRIORITY APPLN. INFO.:			DE 2004-102004003781A	20040123
			WO 2005-DE95	W 20050124
OTHER SOURCE(S):	MARPAT 143:194146			
GI				



AB Disclosed is a bisphosphonic acid derivative,  $R_1C(XR_2)[P(:O)(OH)_2]_2$  [I;  $R_1 = H, OH, C1-6\text{-alkyl}, C1-6\text{-alkoxy}, C1-6\text{-hydroxyalkyl}, C1-6\text{-aminoalkyl}, C1-6\text{-haloalkyl}$ ;  $X = \text{bond}, C1-20\text{-alkylene}, (CH_3)_m(OCR_3HCH_2)_n(O)o, (CR_4HCH_2O)_p; (CH_3)_q(OCR_5HCH_2)_r(O)s(CH_3)t$ ;  $R_3 = H, Me$ ;  $m = 0, 1 - 6$ ;  $n = 1 - 10$ , especially  $1 - 6$ ;  $o = 0, 1$ ;  $R_4 = H, CH_3$ ;  $p = 1$  to  $10$ , particularly  $1$  to  $6$ ;

$R_5 = H, CH_3$ ;  $q = 0, 1$  to  $6$ ;  $r = 1$  to  $10$ , especially  $1$  to  $6$ ;  $s = 0$  or  $1$ ;  $t = 1$  to  $6$ ;  $R_2 = R^*$ ,  $C8-22\text{-fatty alkyl radical}, \text{fatty acid radical}$ ], their physiologically acceptable salts and their trimethylsilyl derivs. Thus, cholesteryl-3-hydroxybisphosphonic acid II was prepared from cholesterol,

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via O-alkylation with BrCH<sub>2</sub>CO<sub>2</sub>Li and reaction with P(OSiMe<sub>3</sub>)<sub>3</sub>. The inventive compound can be used for producing liposomal preps. as well as medicaments utilized for the treatment of animals and humans (no data).

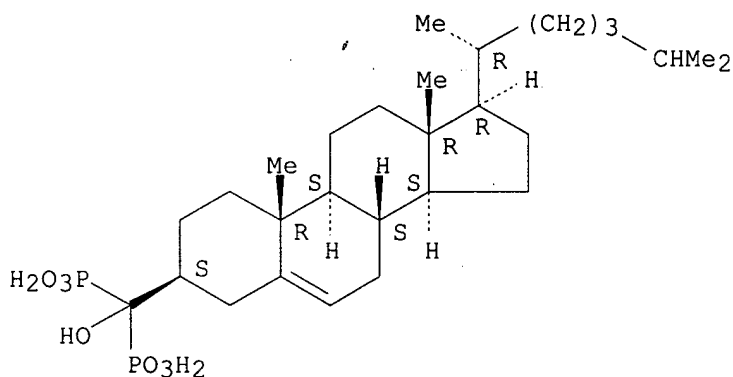
IT 861395-80-4P

RL: DGN (Diagnostic use); MOA (Modifier or additive use); SPN (Synthetic preparation); TEM (Technical or engineered material use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of bisphosphonic acids for liposomal formulations)

RN 861395-80-4 CAPLUS

CN Phosphonic acid, [(3β)-cholest-5-en-3-ylhydroxymethylene]bis- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

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FULL ESTIMATED COST	5.93	184.50
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
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STN INTERNATIONAL LOGOFF AT 10:33:08 ON 13 JUN 2008